

DOCKET NO. SC0112WD

Please amend the subject application as follows:

IN THE CLAIMS:

1. (Currently Amended) In an ~~An~~ electronic device for a mask container that is adapted adapted to carry a lithography mask between a first station for first processing and a second station for second processing at a later time point, said electronic device comprising:
 - a receiver unit to receive first data;
 - a memory unit to temporarily store said first data;
 - a processor unit to process an instruction that uses said first data and to provide second data, the second data indicating how the second station uses the lithography mask for second processing to determine final quality and quantity of said second processing; and
 - a transmitter unit to transmit said second data, a method comprising at least one of:
 - using said second data to modify said lithography mask by changing exposure properties of the lithography mask;
 - using the second data to perform an action that removes said lithography mask from all further processing; or
 - using the second data for testing and measuring properties of said lithography mask.

Claim 2 (Canceled).

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3. (Currently Amended) The ~~electronic device~~ method of claim 1, ~~wherein further comprising transmitting with~~ said transmitter unit ~~transmits~~ said second data to said second station before said second station uses said lithography mask in said second process.
4. (Currently Amended) The ~~electronic device~~ method of claim 3, ~~wherein further comprising said processor unit processes said first data by combining said first data with an~~ storing said instruction in a memory coupled to said processor unit.
5. (Currently Amended) The ~~electronic device~~ method of claim 4, wherein said instruction is indicative ~~on~~ of how said lithography mask is used in said second process by indicating an expected quality and quantity of processing.
6. (Currently Amended) The ~~electronic device~~ method of claim 4, further comprising also receiving said instruction from a host device electrically coupled to the electronic device by a factory bus ~~wherein said receiver unit also receives said instruction.~~
7. (Currently Amended) The ~~electronic device~~ method of claim 6, further comprising wherein said receiver unit receives receiving said first data at a first time point and ~~receives~~ receiving said instruction at a second time point that comes later.

Claim 8 (Canceled)

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9. (Currently Amended) The ~~electronic device~~ method of claim 1, ~~wherein said~~ further comprising coupling said receiver unit, said memory unit, said processor unit, and said transmitter unit ~~are coupled~~ by a bus.
10. (Currently Amended) The ~~electronic device~~ method of claim 1, ~~wherein~~ further comprising implementing said receiver unit and said transmitter unit ~~are implemented~~ as a transceiver unit.
11. (Currently Amended) The ~~electronic device~~ method of claim 10, ~~wherein said~~ further comprising implementing said transceiver unit is as a wireless transceiver.
12. (Currently Amended) The ~~electronic device~~ method of claim 11, ~~wherein said~~ further comprising implementing said wireless transceiver is as a radio frequency transceiver.
13. (Currently Amended) The ~~electronic device~~ method of claim 11, ~~wherein said~~ further comprising implementing said wireless transceiver as is an infra-red transceiver.
14. (Currently Amended) The ~~electronic device~~ method of claim 1, ~~wherein said~~ further comprising implementing said memory unit as is a non-volatile memory.
15. (Currently Amended) The ~~electronic device~~ method of claim 14, ~~wherein said~~ further comprising implementing said non-volatile memory as is an EEPROM.

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16. (Currently Amended) The ~~electronic device~~ method of claim 14, ~~wherein said~~ further comprising implementing said non-volatile memory as is an SRAM.
17. (Currently Amended) The ~~electronic device~~ method of claim 1 further comprising coupling a power supply ~~coupled~~ to the receiver unit, the memory unit, the processor and the transmitter unit that is implemented by at least a component of the following group: battery, photovoltaic element, thermal converter, and inductive power converter.
18. (Currently Amended) The ~~electronic device~~ method of claim 1 ~~wherein further~~ comprising permanently attaching the electronic device is permanently attached to said mask container by an adhesive.
19. (Currently Amended) The ~~electronic device~~ method of claim 1, ~~wherein said~~ further comprising implementing said processor unit and said memory unit are implemented on a single monolithic chip.
20. (Currently Amended) The ~~electronic device~~ method of claim 10, ~~wherein~~ further comprising said transceiver unit ~~communicates~~ communicating with a further electronic device at a further lithography mask container and with further stations.
21. (Currently Amended) The ~~electronic device~~ method of claim 1, wherein for a further lithography mask carried in said mask container, ~~said~~ indicating with said second data ~~is indicative on~~ how a third station uses said further lithography mask for third processing.

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Claim 22 (Canceled)

Claim 23 (Canceled)

Claim 24 (Canceled)

25. (New) In an electronic device for a mask container that is adapted to carry a lithography mask between a first station for first processing and a second station for second processing at a later time point, said electronic device comprising:

- a receiver unit to receive first data;

- a memory unit to temporarily store said first data;

- a processor unit to process an instruction that uses said first data and to provide second data, the second data indicating how the second station uses the lithography mask for second processing to determine final quality and quantity of said second processing; and

- a transmitter unit to transmit said second data, a method comprising:

 - using said second data to modify said lithography mask by changing exposure properties of the lithography mask at the second station.